

A detailed cross-sectional diagram of a circular magnetic device, labeled 1. The device features a central core with eight radial poles. The innermost ring of poles is labeled with alternating North (N) and South (S) polarities. The outer ring of poles is also labeled with alternating North (N) and South (S) polarities. The central region is divided into eight sectors by radial lines. The outer boundary is labeled 2a. The inner boundary of the central core is labeled 7. The radial lines are labeled 6. The sectors between the poles are labeled 5a. The radial lines are also labeled 3a. The flux paths are indicated by arrows and labeled with symbols: Φ_K for the central flux, Φ_F for the flux in the sectors, and Φ_D for the flux in the radial lines. The entire device is labeled 1.

Fig. 1

Fig. 2

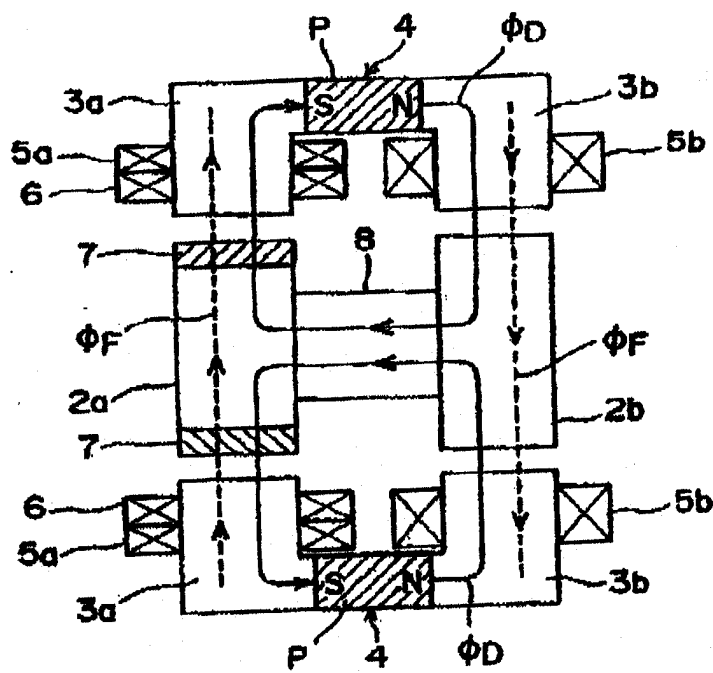


Fig. 3

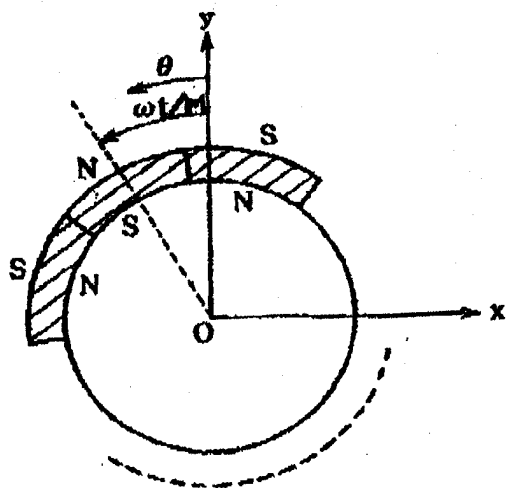


Fig. 4 (a)

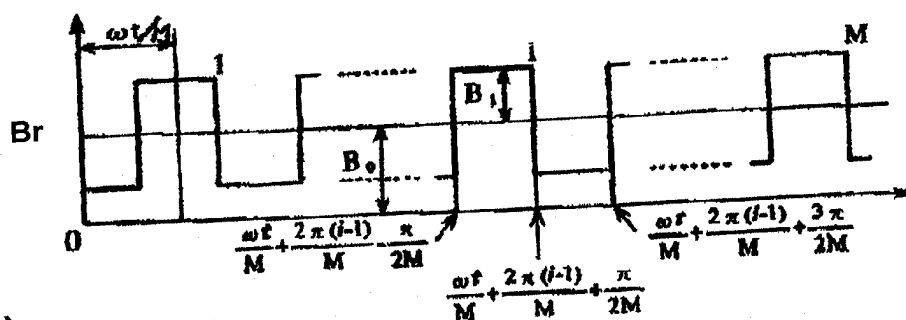


Fig. 4 (b)

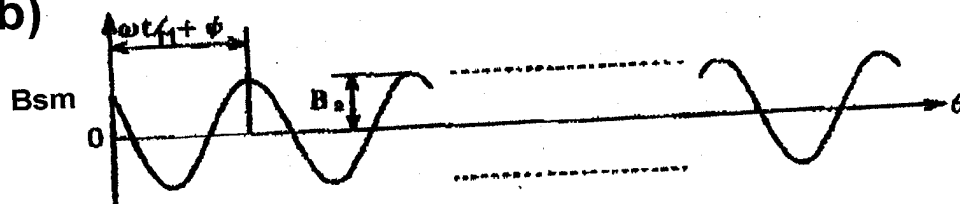
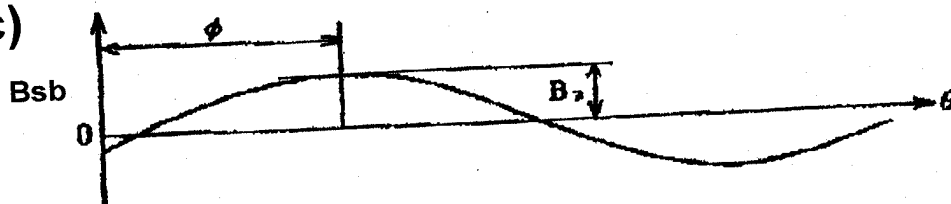


Fig. 4 (c)



00750513-13800

Fig. 5

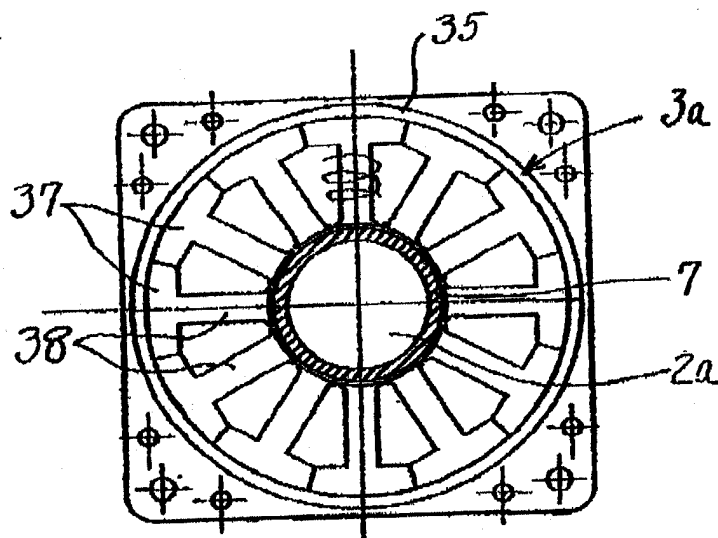
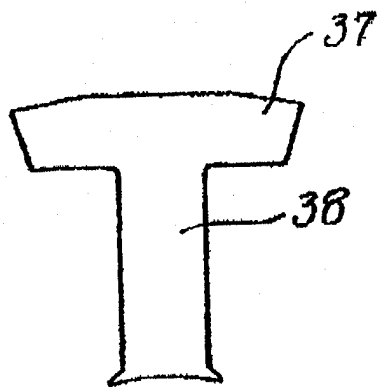


Fig. 6



09750543-13900

Fig. 9

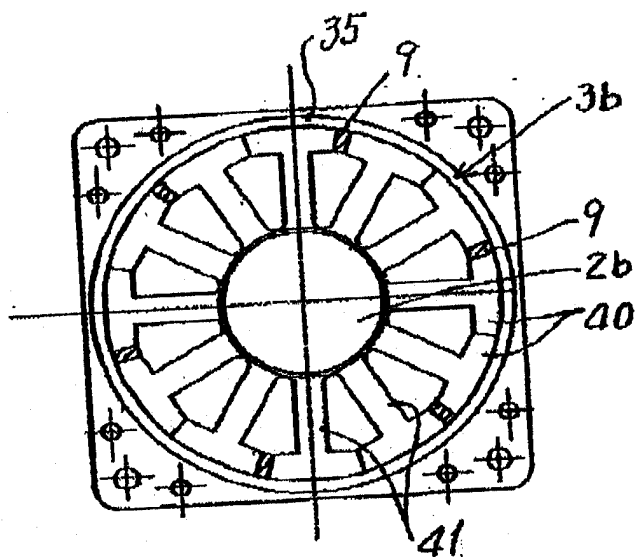
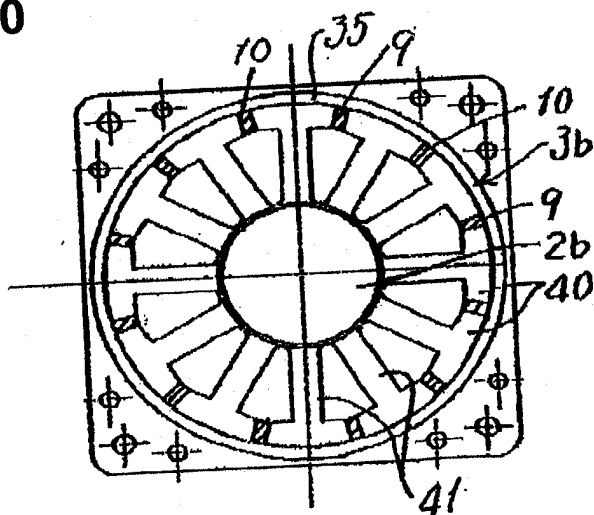


Fig. 10



00221-ET505460

Fig. 11

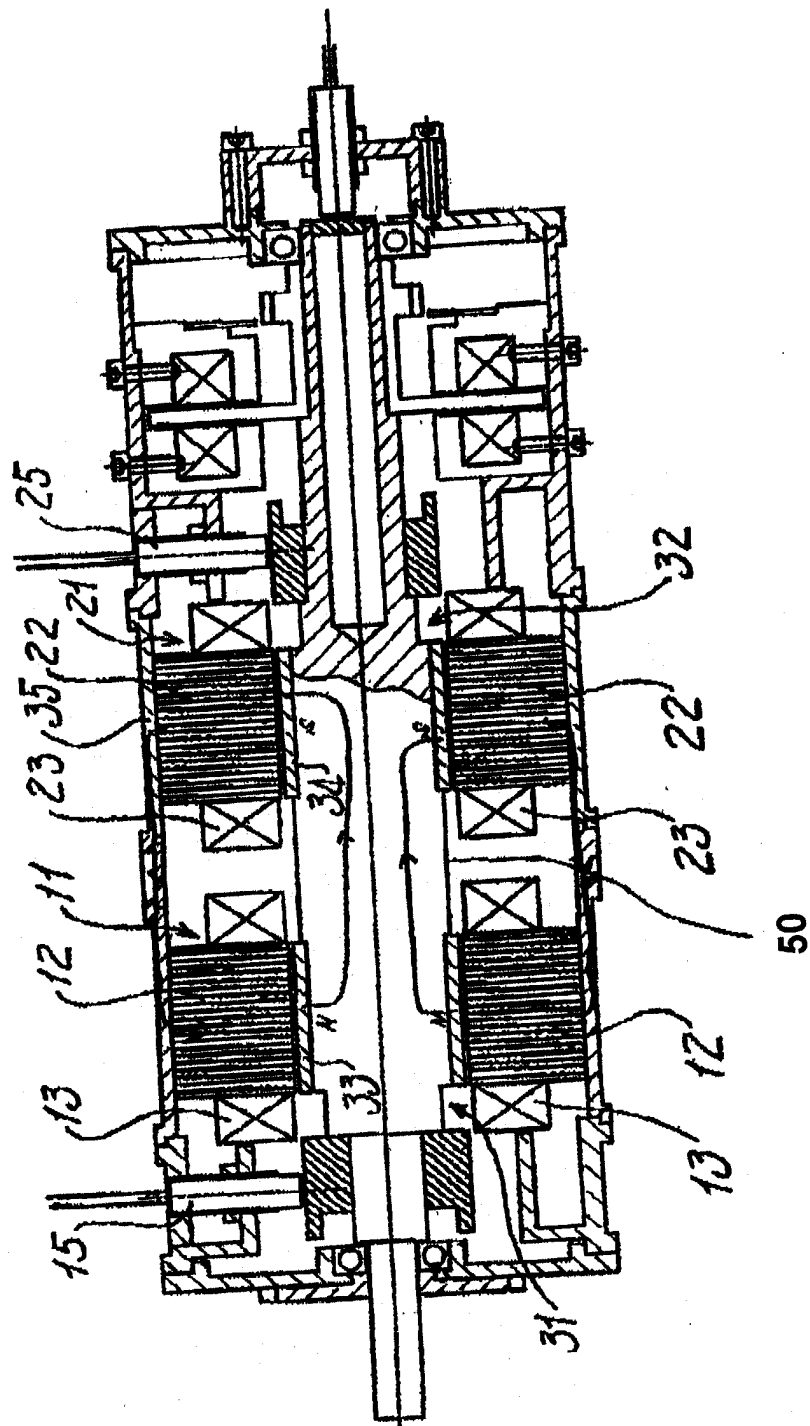


Fig. 12 (a)

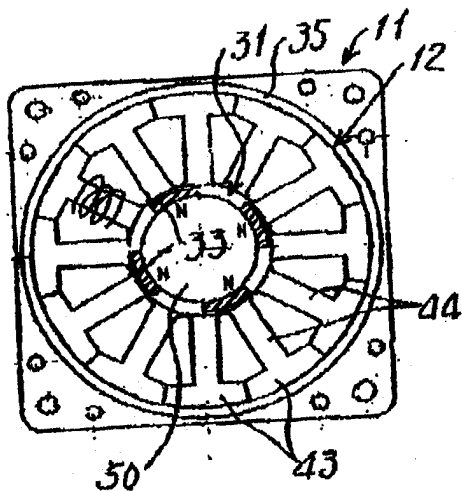


Fig. 12 (b)

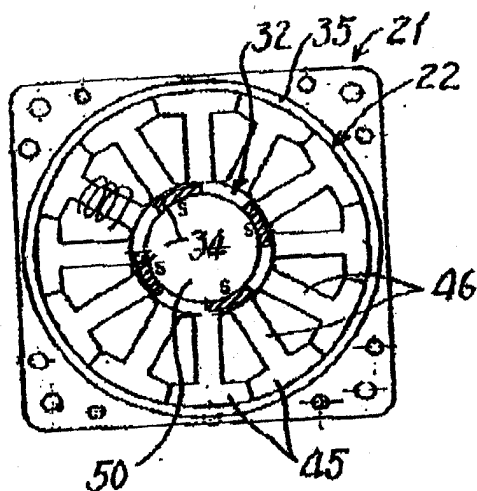


Fig. 13 (a)

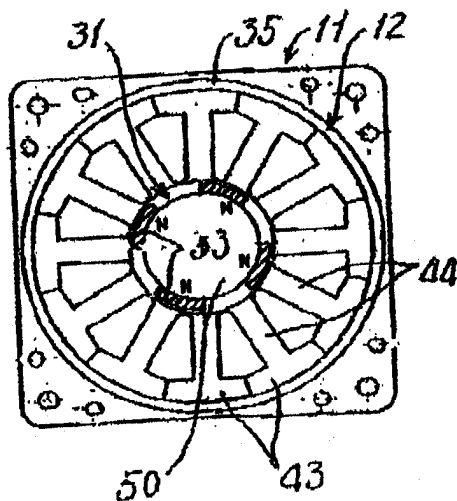
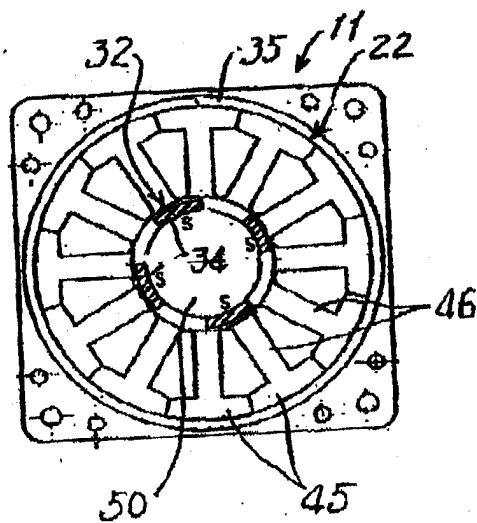


Fig. 13 (b)



00750513-122800